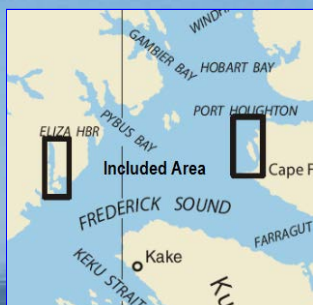


BookletChart™

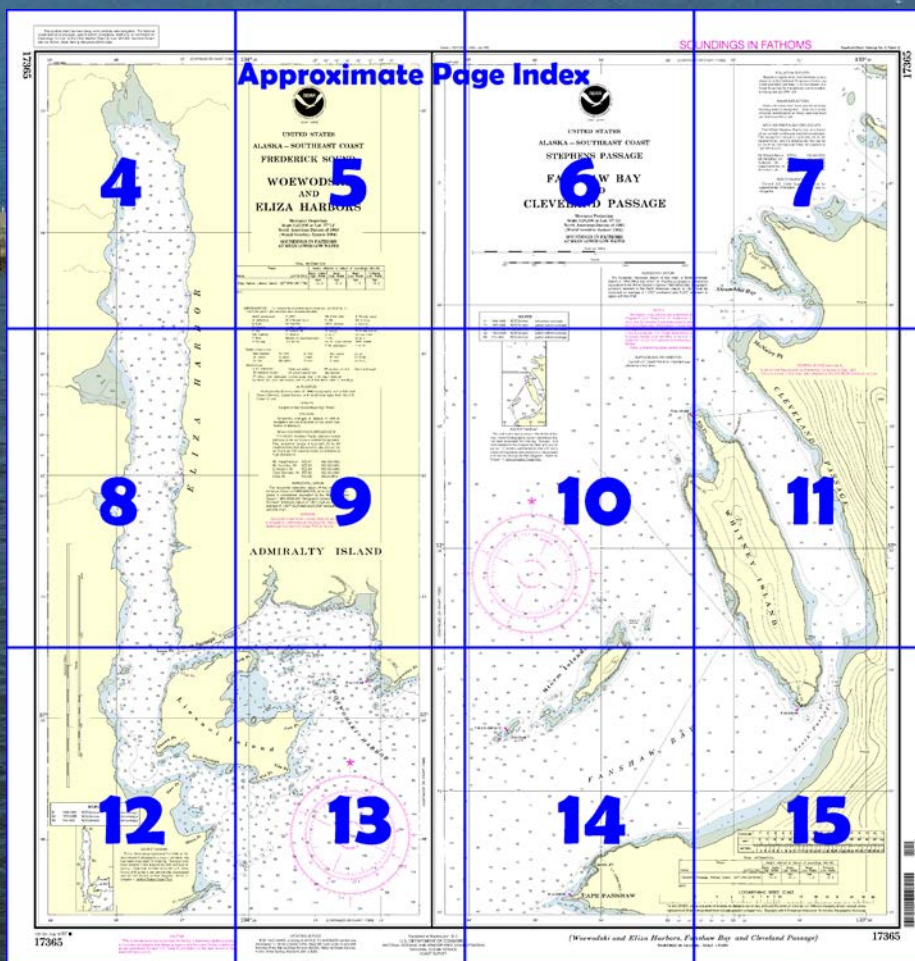


Woewodski and Eliza Harbors; Fanshaw Bay and Cleveland Passage NOAA Chart 17365

A reduced-scale NOAA nautical chart for small boaters
When possible, use the full-size NOAA chart for navigation.



- Complete, reduced-scale nautical chart
- Print at home for free
- Convenient size
- Up-to-date with Notices to Mariners
- Compiled by NOAA's Office of Coast Survey, the nation's chartmaker



Published by the
National Oceanic and Atmospheric Administration
National Ocean Service
Office of Coast Survey
www.NauticalCharts.NOAA.gov
888-990-NOAA

What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

What is a BookletChart™?

This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at <http://www.NauticalCharts.NOAA.gov>.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.

For latest Coast Pilot excerpt visit the Office of Coast Survey website at <http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=17365>.



(Selected Excerpts from Coast Pilot)

Woewodski and Eliza Harbors have a common entrance between **Point Napean** and **Deepwater Point** 9 miles WNW of Turnabout Island. (See also chart 17360.) The entrances are much obstructed by dangerous ledges, and with the close proximity of better anchorages the use of these harbors is seldom necessary. **Liesnoi Island**, of irregular shape, is in the entrance.

Deepwater Point Light (57°10'19"N., 134°14'09"W.), 17 feet above the water, is shown from a skeleton tower with a red and white diamond-shaped daymark on a ledge about 0.2 mile W of the point.

Woewodski Harbor is the open bight between Liesnoi Island and Deepwater Point. Ledges and rocks, covered or awash at various stages of the tide and generally marked by kelp, extend NE from Liesnoi Island halfway across Woewodski Harbor. **Polivnoi Rocks**, three bare rocks surrounded by ledges, are at the N edge of this foul ground. The only anchorage for large vessels in Woewodski Harbor is NE of this foul ground in 20 to 26 fathoms, hard bottom, and exposed to SE winds. Small vessels find temporary shelter off **Bluff Point** in 6 fathoms, and S of Polivnoi Rocks in 3 to 6 fathoms, soft bottom.

Eliza Harbor is a deep inlet with generally bold shores. The only available anchorage is at the S end of the harbor, off the W side of Liesnoi Island in depths of 18 to 20 fathoms. On each side of Liesnoi Island are narrow passages called North and South Passage, leading to Eliza Harbor.

North Passage to Eliza Harbor enters from the NW part of Woewodski Harbor. This passage is straight, but narrow; its N shore is bold-to, its S shore foul, and submerged rocks and kelp patches extend to midchannel, leaving a navigable passage 75 to 100 yards wide with least depth of 1¼ fathoms. The rocks on the S side of the passage cause tide swirls; the ebb has a velocity of 4 knots, and the flood about 3 knots.

When through the passage, haul S and anchor in midchannel in 18 to 20 fathoms, soft bottom in places, at two-thirds the distance toward

Thumb Point, the SW extremity of Liesnoi Island.

South Passage, S of Liesnoi Island, is reduced by submerged rocks at its narrowest part to a width of 70 yards, has a sharp turn and strong tidal currents, and should not be attempted except at slack water and with local knowledge. The rocks are marked by kelp, which, however, does not show when the current is running. In N winds, an indifferent anchorage may be had in the entrance to South Passage in 6½ fathoms, with the SE side of Liesnoi Island bearing **082°**, and Point Napean and **Sharp Point** in line, bearing **189°**.

Cape Fanshaw, on the E side at the junction of Stephens Passage and Frederick Sound, is a long, low, wooded point terminating in a sandspit, with a reef and rocks at the extreme end and deep water within 0.2 mile.

Cape Fanshaw Light (57°11'07"N., 133°34'26"W.), 33 feet above the water, is shown from a skeleton tower with a red and white diamond-shaped daymark on the point of the cape.

Fanshaw Bay, on the NE side of Cape Fanshaw, is connected with Cleveland Passage by South Passage. Anchorage can be made in the SE side at the head, about 600 yards offshore and 0.5 mile SW of Whitney Island in 12 to 15 fathoms, sand and shell bottom, sheltered from NE and SE winds.

Storm Islands, about 1.5 miles N of Cape Fanshaw, consist of a wooded island and several rocks; the southernmost, **Bird Rock**, is grass covered and marked by a light on the S side. A ledge extends about 300 yards WSW of Bird Rock. A grass-covered rock is between the larger Storm Island and Bird Rock. A 3¼-fathom shoal was reported about 300 yards NE of the light marking Bird Rock in about 57°12'37.0"N., 133°35'05.1"W. There is no safe passage through Storm Islands and adjoining rocks, and the passage between Storm Islands and Whitney Island is narrowed to about 0.6 mile by a ledge awash at half tide 0.2 mile NE of the N end of Storm Islands.

Whitney Island, wooded, forms the NE shore of Fanshaw Bay and the W shore of Cleveland Passage. **Duck Point**, the S point of the island, and **Bill Point**, the N point, are marked by lights.

U.S. Coast Guard Rescue Coordination Center 24 hour Regional Contact for Emergencies

RCC Juneau	Commander	
	17th CG District	(907) 463-2000
	Juneau, Alaska	

Table of Selected Chart Notes

HEIGHTS

Heights in feet above Mean High Water.

Mercator Projection
Scale 1:20,000 at Lat. 57°12'
North American Datum of 1983
(World Geodetic System 1984)
SOUNDINGS IN FATHOMS
AT MEAN LOWER LOW WATER

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 8. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 17th Coast Guard District in Juneau, Alaska, or at the Office of the District Engineer, Corps of Engineers in Anchorage, Alaska.

Refer to charted regulation section numbers.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

Mt. Robert Barron	KZZ-87	162.450 MHz
Mt. McArthur, AK	KZZ-95	162.525 MHz
Sukkwai I, AK	KZZ-89	162.425 MHz
Cape Fanshaw, AK	KZZ-88	162.425 MHz
Zarembo I, AK	KZZ-91	162.450 MHz

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

Mt. Robert Barron	KZZ-87	162.450 MHz
Mt. McArthur, AK	KZZ-95	162.525 MHz
Sukkwai I, AK	KZZ-89	162.425 MHz
Cape Fanshaw, AK	KZZ-88	162.425 MHz
Sitka, AK	WXJ-80	162.55 MHz

SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 1.227" southward and 6.236" westward to agree with this chart.

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 1.235" southward and 6.223" westward to agree with this chart.

AUTHORITIES

Hydrography (from surveys of 1996) topography by the National Ocean Service, Coast Survey, with additional data from the U.S. Coast Guard.

UPDATING SERVICE

FOR THIS CHART, a listing of NOTICE TO MARINERS corrections subsequent to the date shown in the lower left hand corner is available from the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

COLREGS, 80.1705 (see note A)

International Regulations for Preventing Collisions at Sea, 1972.
The entire area of this chart falls seaward of the COLREGS Demarcation Line.

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated):

AERO aeronautical	G green	Mo morse code	R TR radio tower
Al alternating	IQ interrupted quick	N nun	Rot rotating
B black	Is isophase	OBSC obscured	s seconds
Bn beacon	LT lighthouse	OC occulting	SEC sector
C can	M nautical mile	Or orange	St M statute miles
C/A diaphone	m minutes	Q quick	VQ very quick
F fixed	MICRO TR microwave tower	R red	W white
Fl flashing	Mkr marker	Ra Ref radar reflector	WHS whistle
		R Bn radiobeacon	Y yellow

Bottom characteristics:

Bds boulders	Co coral	gy gray	Oys oysters	so soft
bk broken	G gravel	h hard	Rk rock	Sh shells
Cy clay	Grs grass	M mud	S sand	sy sticky

Miscellaneous:

AUTH authorized	Obstn obstruction	PD position doubtful	Subm submerged
ED existence doubtful	PA position approximate	Rep reported	

(2) Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.

TIDAL INFORMATION

Place Name (LAT/LONG)	Height referred to datum of soundings (MLLW)			
	Mean High Water	Mean High Water	Mean Low Water	Extreme Low Water
Eliza Harbor, Liesnoi Island (57°10'N/134°17'W)	feet 14.3	feet 13.4	feet 1.5	feet -5.0

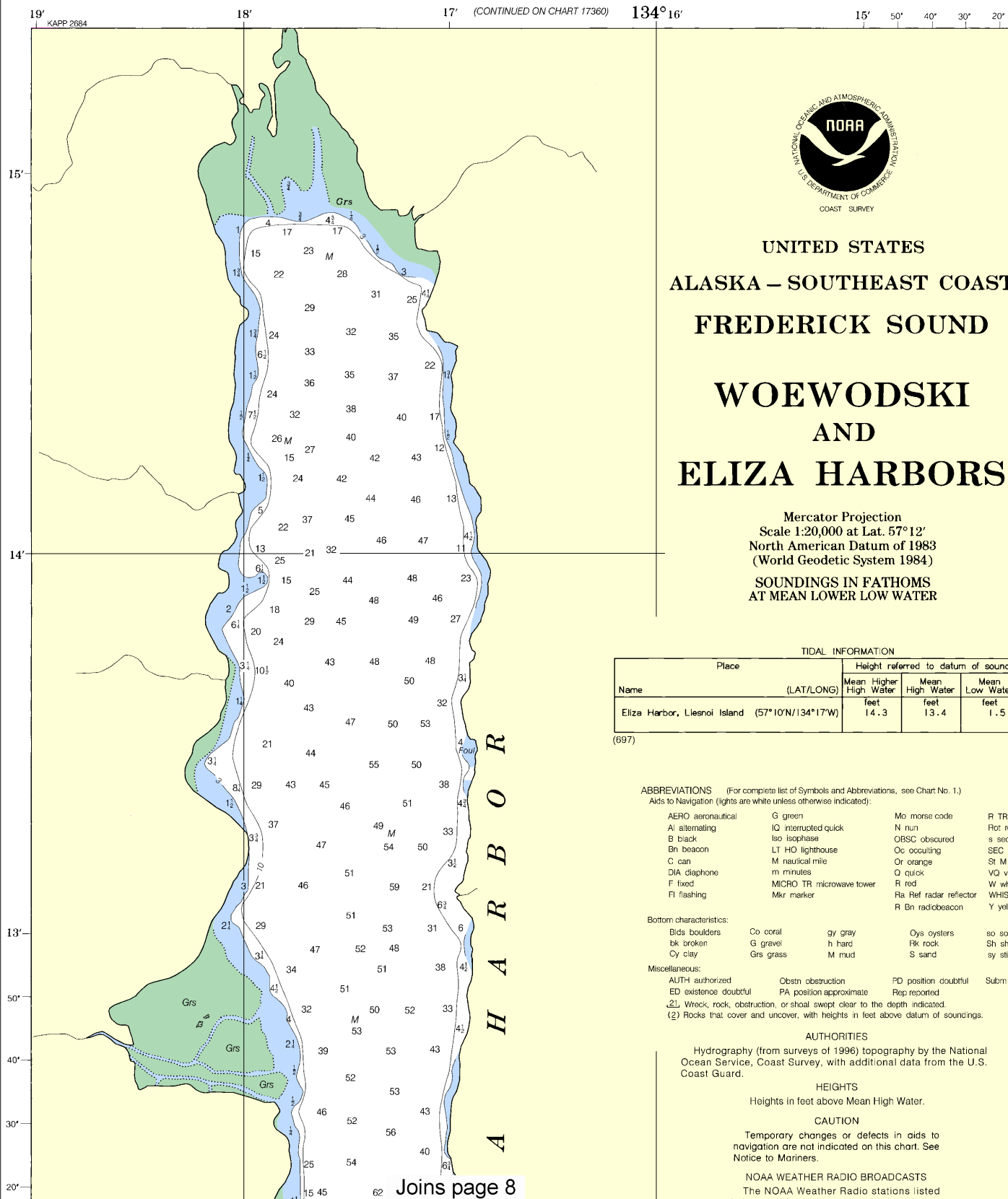
(697)

TIDAL INFORMATION

Place Name (LAT/LONG)	Height referred to datum of soundings (MLLW)			
	Mean High Water	Mean High Water	Mean Low Water	Extreme Low Water
Cleveland Passage, Whitney Island (57°13'N/133°30'W)	feet 15.0	feet 14.1	feet 1.5	feet -5.0

(697)

17365



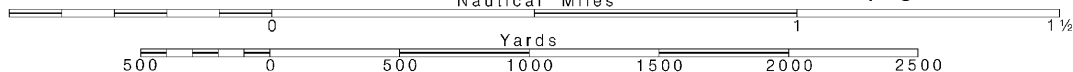
4

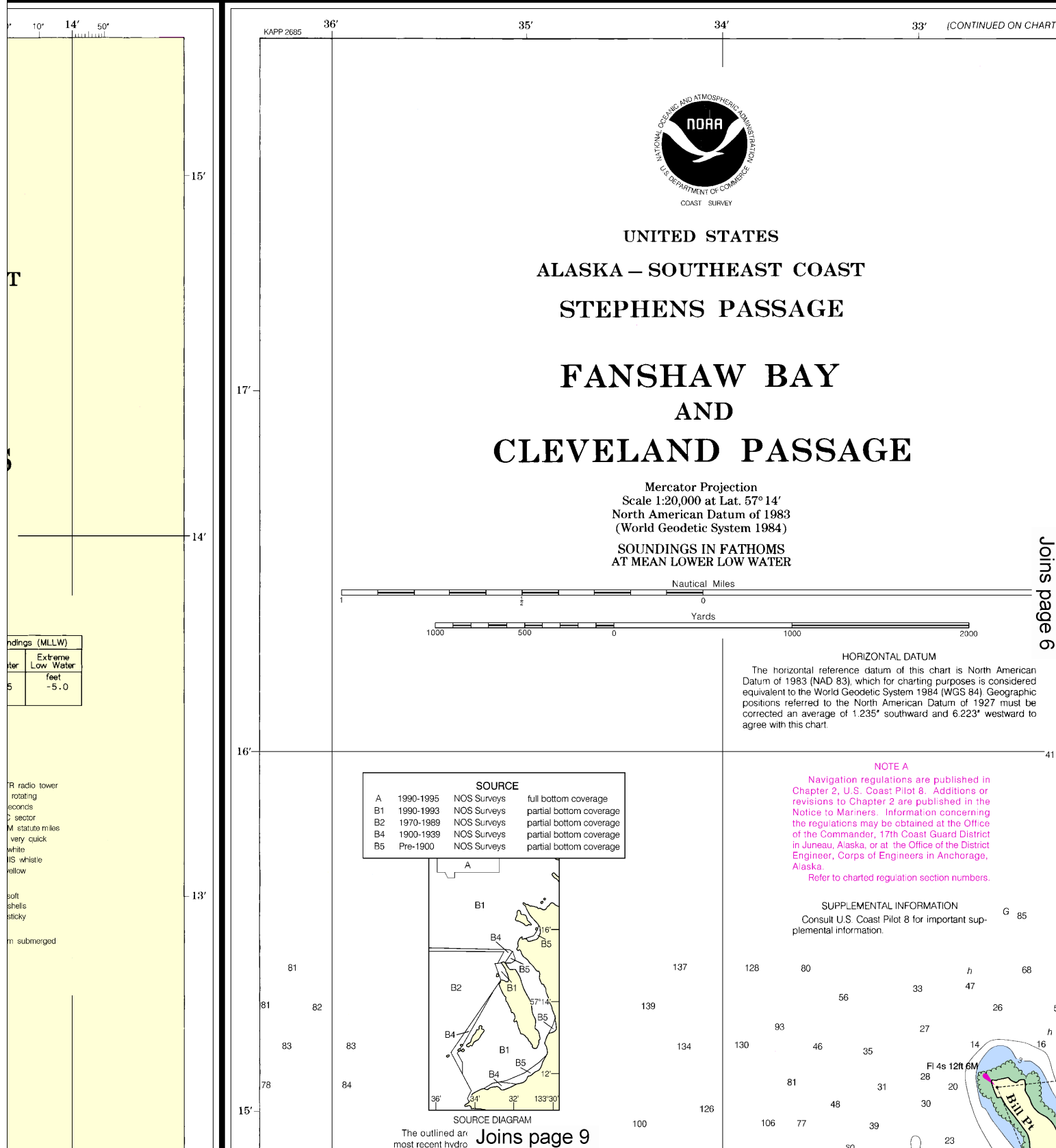
Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:20,000
Nautical Miles

See Note on page 5.





This BookletChart was reduced to 75% of the original chart scale.
The new scale is 1:26667. Barscales have also been reduced and
are accurate when used to measure distances in this BookletChart.

ART 17360)

134° 16'

15° 50' 40' 30' 20' 10' 14° 50'



UNITED STATES
ALASKA – SOUTHEAST COAST
FREDERICK SOUND
WOEWODSKI
AND
ELIZA HARBORS

Mercator Projection
Scale 1:20,000 at Lat. 57°12'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FATHOMS
AT MEAN LOWER LOW WATER

TIDAL INFORMATION

Name	Place (LAT/LONG)	Height referred to datum of soundings (MLLW)			
		Mean Higher High Water	Mean High Water	Mean Low Water	Extreme Low Water
Eliza Harbor, Liesnoi Island	(57°10'N/134°17'W)	feet 14.3	feet 13.4	feet 1.5	feet -5.0

(697)

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)
Aids to Navigation (lights are white unless otherwise indicated):

AERO aeronautical	G green	Mo morse code	R TR radio tower
Al alternating	IQ interrupted quick	N nun	Rot rotating
B black	Iso isophase	OBSC obscured	s seconds
Bn beacon	LT HO lighthouse	Oc occulting	SEC sector
C can	M nautical mile	Or orange	St M statute miles
DIA diaphone	m minutes	Q quick	VQ very quick
F fixed	MICRO TR microwave tower	R red	W white
Fl flashing	Mkr marker	Ra Ref radar reflector	WHIS whistle
		R Bn radiobeacon	Y yellow

Bottom characteristics:

Bds boulders	Co coral	gy gray	Oys oysters	so soft
bk broken	G gravel	h hard	Rk rock	Sh shells
Cy clay	Grs grass	M mud	S sand	sy sticky

Miscellaneous:

AUTH authorized	Obstr obstruction	PD position doubtful	Subm submerged
ED existence doubtful	PA position approximate	Rep reported	
(2) Wreck, rock, obstruction, or shoal swept clear to the depth indicated.			
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.			

AUTHORITIES

Hydrography (from surveys of 1996) topography by the National Ocean Service, Coast Survey, with additional data from the U.S. Coast Guard.

HEIGHTS

Heights in feet above Mean High Water.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio stations listed below provide continuous weather broadcasts.

Joins page 10

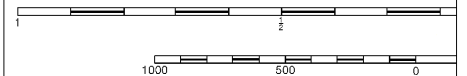
KAPP 2685

36'

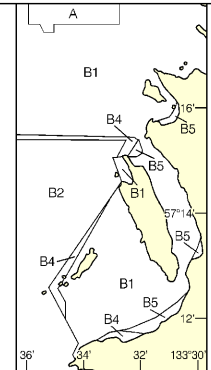
35'

UN
ALASKA –
STEPH
FANS
CLEVEL

Scal
North
(Wor
SOU
AT M



SOURCE		
A	1990-1995	NOS Surveys full bottom coverage
B1	1990-1993	NOS Surveys partial bottom coverage
B2	1970-1989	NOS Surveys partial bottom coverage
B4	1900-1939	NOS Surveys partial bottom coverage
B5	Pre-1900	NOS Surveys partial bottom coverage



SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that

Joins page 5

6

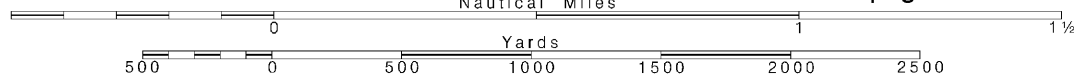
Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:20,000

Nautical Miles

See Note on page 5.



SOUNDINGS IN FATHOMS

Nautical Chart Catalog No. 3, Panel Q

17365



UNITED STATES — SOUTHEAST COAST CHENNS PASSAGE SHAW BAY AND LAND PASSAGE

Mercator Projection
Scale 1:20,000 at Lat. 57° 14'
North American Datum of 1983
(World Geodetic System 1984)
SOUNDINGS IN FATHOMS
MEAN LOWER LOW WATER

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

Mt. Robert Barron	KZZ-87	162.450 MHz
Mt. McArthur, AK	KZZ-95	162.525 MHz
Sukkwani I., AK	KZZ-89	162.425 MHz
Cape Fanshaw, AK	KZZ-88	162.425 MHz
Zarembo I., AK	KZZ-91	162.450 MHz

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 1.235" southward and 6.223" westward to agree with this chart.

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 8. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 17th Coast Guard District in Juneau, Alaska, or at the Office of the District Engineer, Corps of Engineers in Anchorage, Alaska.

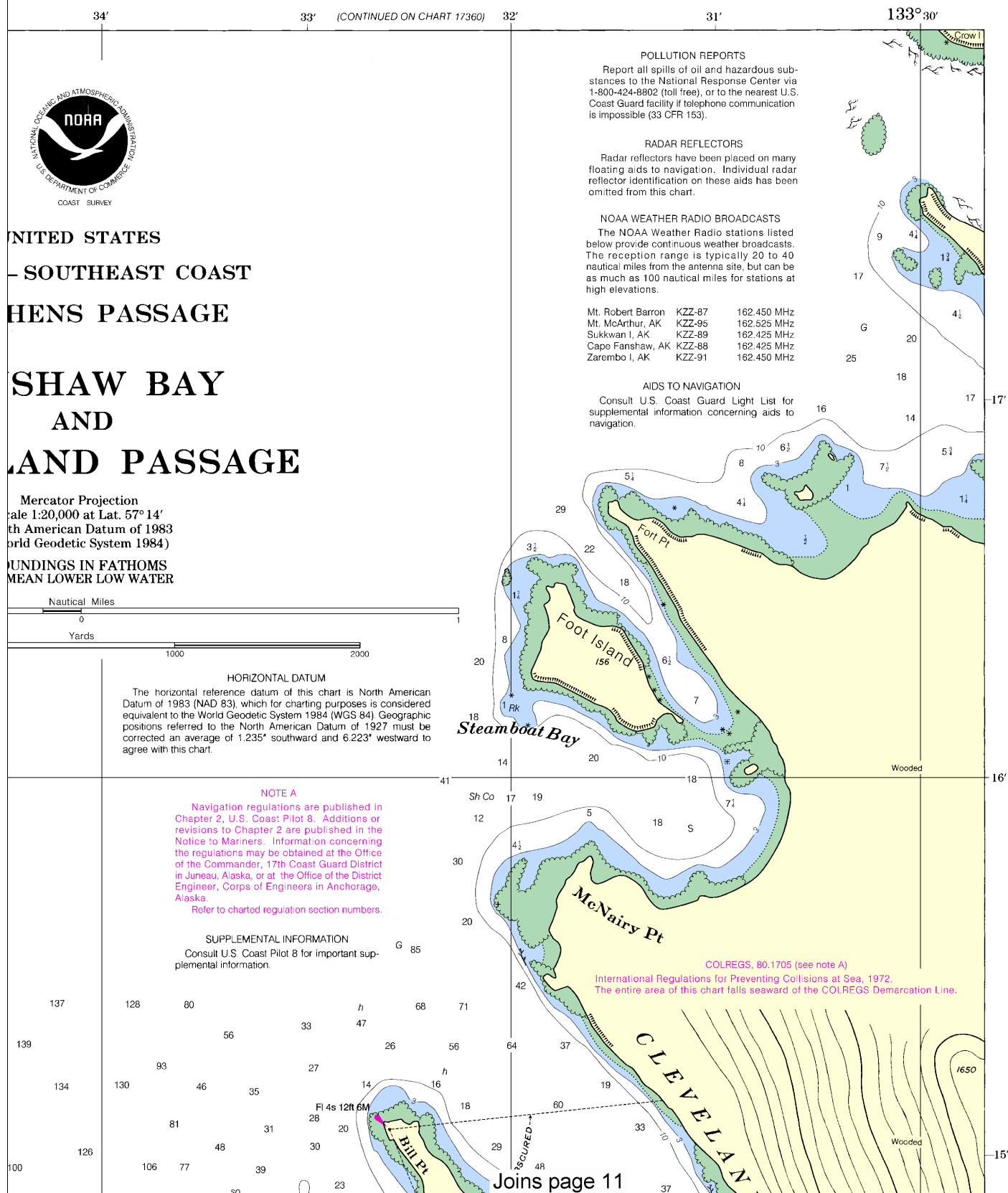
Refer to charted regulation section numbers.

SUPPLEMENTAL INFORMATION

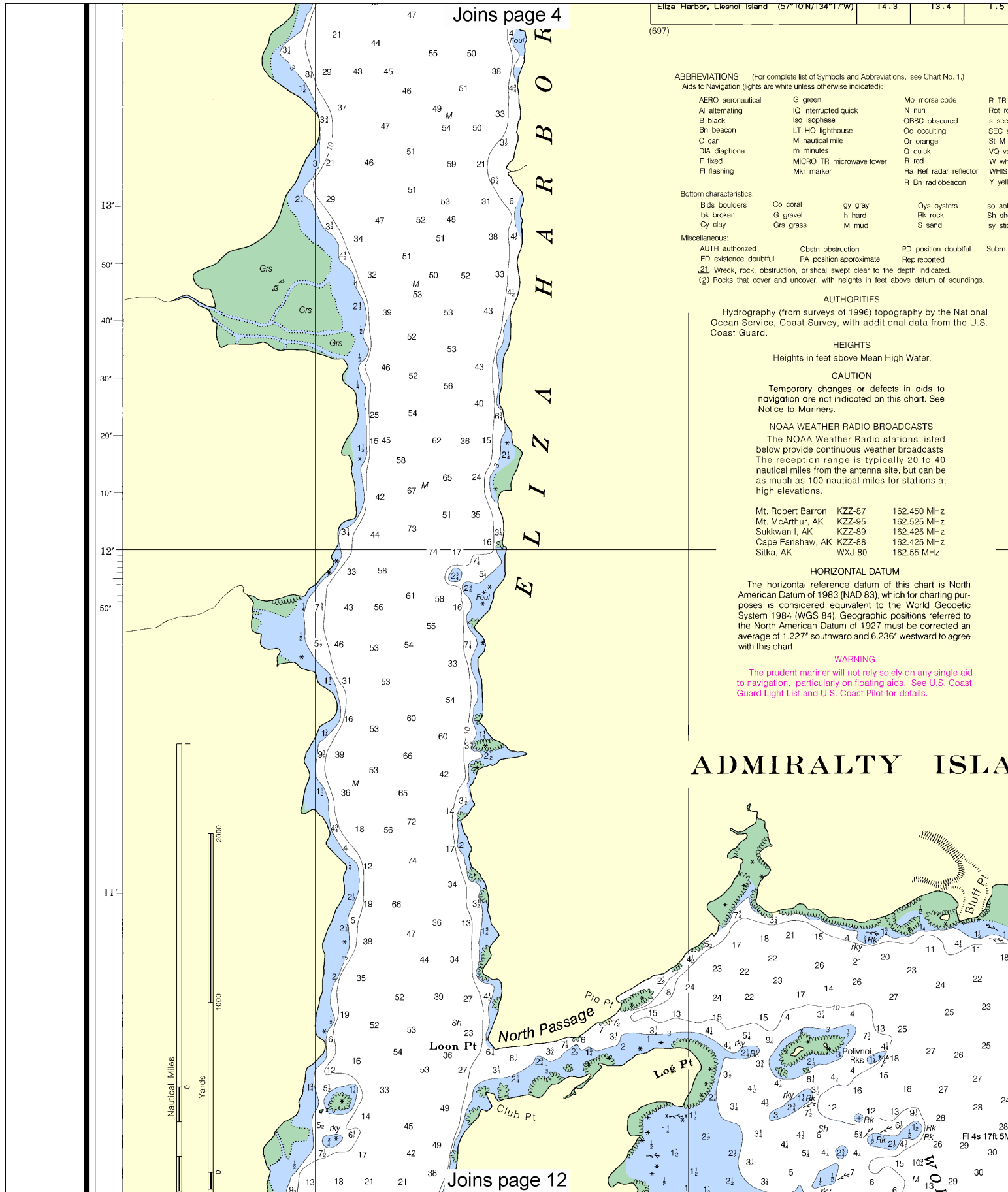
Consult U.S. Coast Pilot 8 for important supplemental information.

COLREGS, 80.1705 (see note A)

International Regulations for Preventing Collisions at Sea, 1972.
The entire area of this chart falls seaward of the COLREGS Demarcation Line.



This BookletChart has been updated through: Coast Guard Local Notice To Mariners: 4812 11/27/2012,
NGA Weekly Notice to Mariners: 4812 12/1/2012,
Canadian Coast Guard Notice to Mariners: 0912 9/28/2012.



Eliza Harbor, Lieshoi Island (57°10'N/134°17'W) 14.3 13.4 1.5

(697)

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated):			
AERO aeronautical	G green	Mo morse code	R TR
A/ alternating	IQ interrupted quick	N nun	R rot
B black	Is isophase	OBSC obscured	s sec
Bn beacon	LT HO lighthouse	Oc occulting	SEC
C can	M nautical mile	Or orange	St M
DIA diaphone	m minutes	Q quick	VO v
F fixed	MICRO TR microwave tower	R red	W wh
Fl flashing	Mkr marker	Ra Ref radar reflector	WHIS
		R Bn radiobeacon	Y yell

Bottom characteristics:			
Bids boulders	Co coral	gy gray	Oys oysters
bk broken	G gravel	h hard	Sh sh
Cy clay	Grs grass	M mud	S sand

Miscellaneous:			
AUTH authorized	Obstr obstruction	PD position doubtful	Subm
ED existence doubtful	PA position approximate	Rep reported	
21 Wreck, rock, obstruction, or shoal swept clear to the depth indicated.			
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.			

AUTHORITIES

Hydrography (from surveys of 1996) topography by the National Ocean Service, Coast Survey, with additional data from the U.S. Coast Guard.

HEIGHTS

Heights in feet above Mean High Water.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

Mt. Robert Barron	KZZ-87	162.450 MHz
Mt. McArthur, AK	KZZ-95	162.525 MHz
Sukkwai I., AK	KZZ-89	162.425 MHz
Cape Fanshaw, AK	KZZ-88	162.425 MHz
Sitka, AK	WXJ-80	162.55 MHz

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 1.227" southward and 6.236" westward to agree with this chart.

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

ADMIRALTY ISLAND

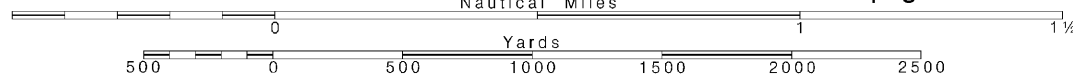
8

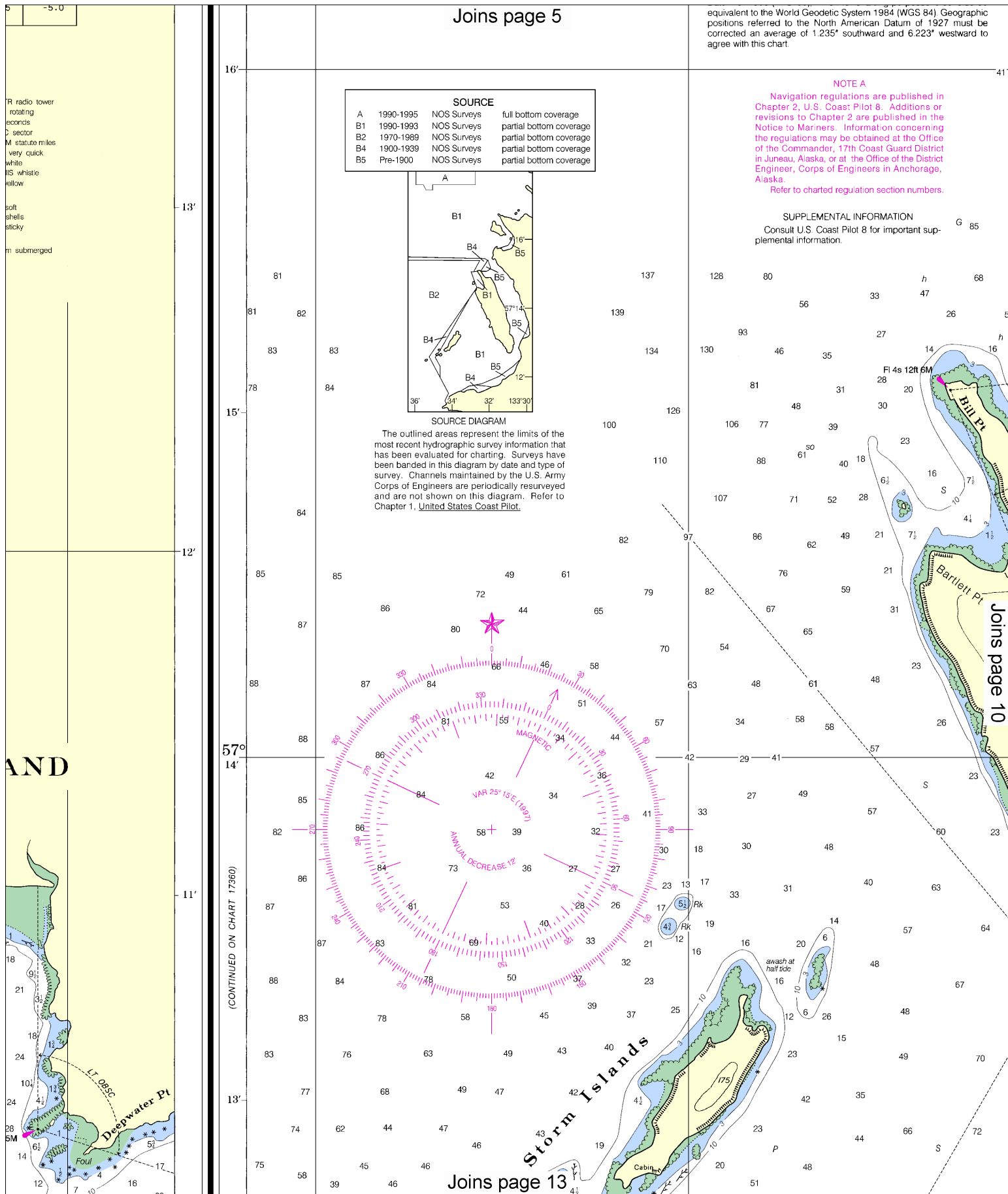
Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:20,000
Nautical Miles

See Note on page 5.





ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)
Aids to Navigation (lights are white unless otherwise indicated):

AERO aeronautical	G green	Mo morse code	R TR radio tower
Al alternating	IQ interrupted quick	N nun	Rot rotating
B black	Is isophase	OBSC obscured	s seconds
Bn beacon	LT HO lighthouse	OC occulting	SEC sector
C can	M nautical mile	Or orange	St M statute miles
DIA diaphone	m minutes	Q quick	VQ very quick
F fixed	MICRO TR microwave tower	R red	W white
Fl flashing	Mkr marker	Ra Ref radar reflector	WHIS whistle
		R Bn radiobeacon	Y yellow

Bottom characteristics:

Bids boulders	Co coral	gy gray	Oys oysters	so soft
bk broken	G gravel	h hard	Rk rock	Sh shells
Cy clay	Grs grass	M mud	S sand	sy sticky

Miscellaneous:

AUTH authorized	Obstn obstruction	PD position doubtful	Subm submerged
ED existence doubtful	PA position approximate	Rep reported	

(2) Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.

AUTHORITIES

Hydrography (from surveys of 1996) topography by the National Ocean Service, Coast Survey, with additional data from the U.S. Coast Guard.

HEIGHTS

Heights in feet above Mean High Water.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

Mt. Robert Barron	KZZ-87	162.450 MHz
Mt. McArthur, AK	KZZ-95	162.525 MHz
Sukkwani I, AK	KZZ-89	162.425 MHz
Cape Fanshaw, AK	KZZ-88	162.425 MHz
Sitka, AK	WXJ-80	162.55 MHz

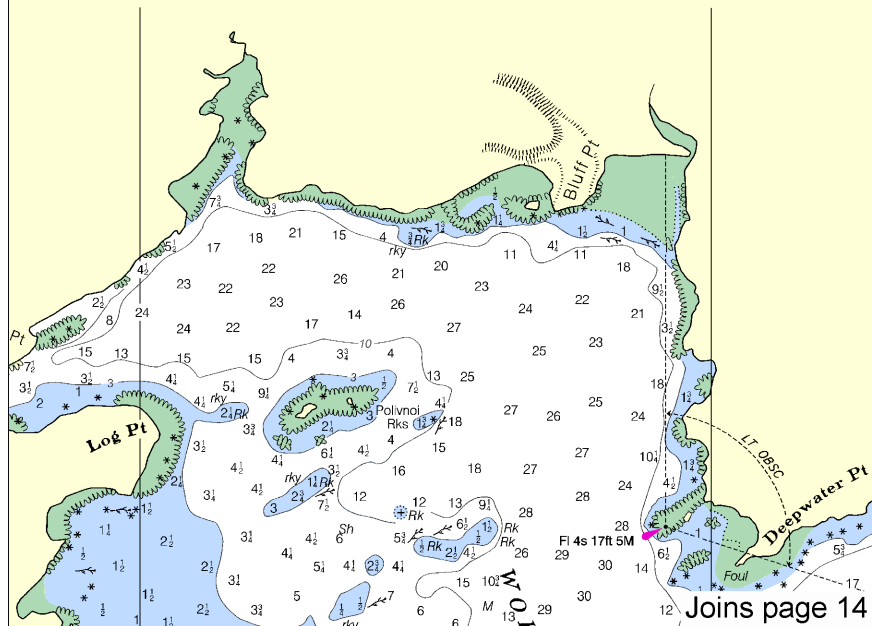
HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 1.227" southward and 6.236" westward to agree with this chart.

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

ADMIRALTY ISLAND



Joins page 9

Joins page 6

13'

12'

11'

Joins page 14

16'

81

81

82

83

78

15'

84

85

87

88

88

88

88

85

82

86

87

86

87

88

83

77

74

58

39

75

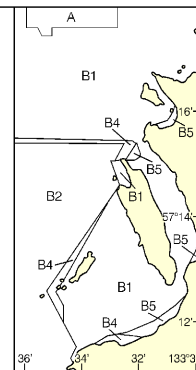
(CONTINUED ON CHART 17360)

57°

14'

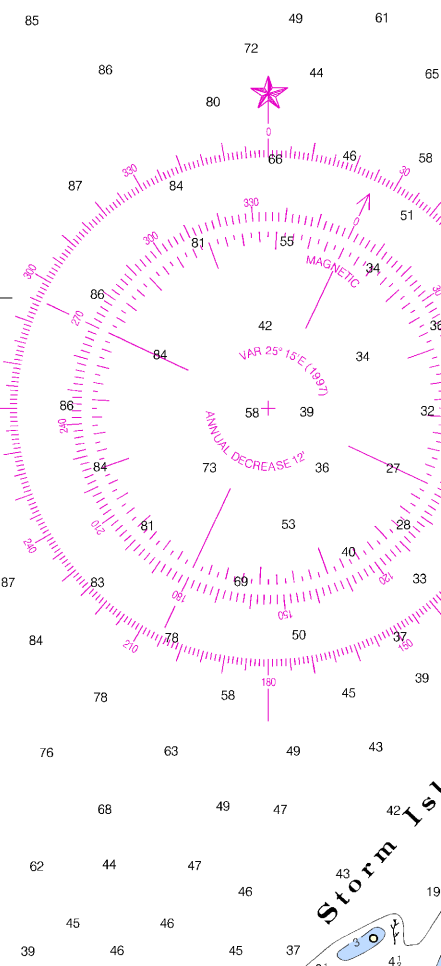
13'

SOURCE		
A	1990-1995 NOS Surveys	full bottom coverage
B1	1990-1993 NOS Surveys	partial bottom coverage
B2	1970-1989 NOS Surveys	partial bottom coverage
B4	1900-1939 NOS Surveys	partial bottom coverage
B5	Pre-1900 NOS Surveys	partial bottom coverage



SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.



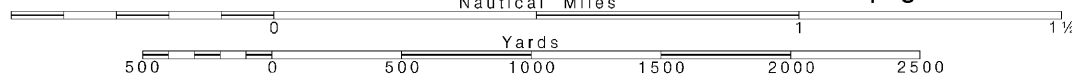
10

Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:20,000
Nautical Miles

See Note on page 5.



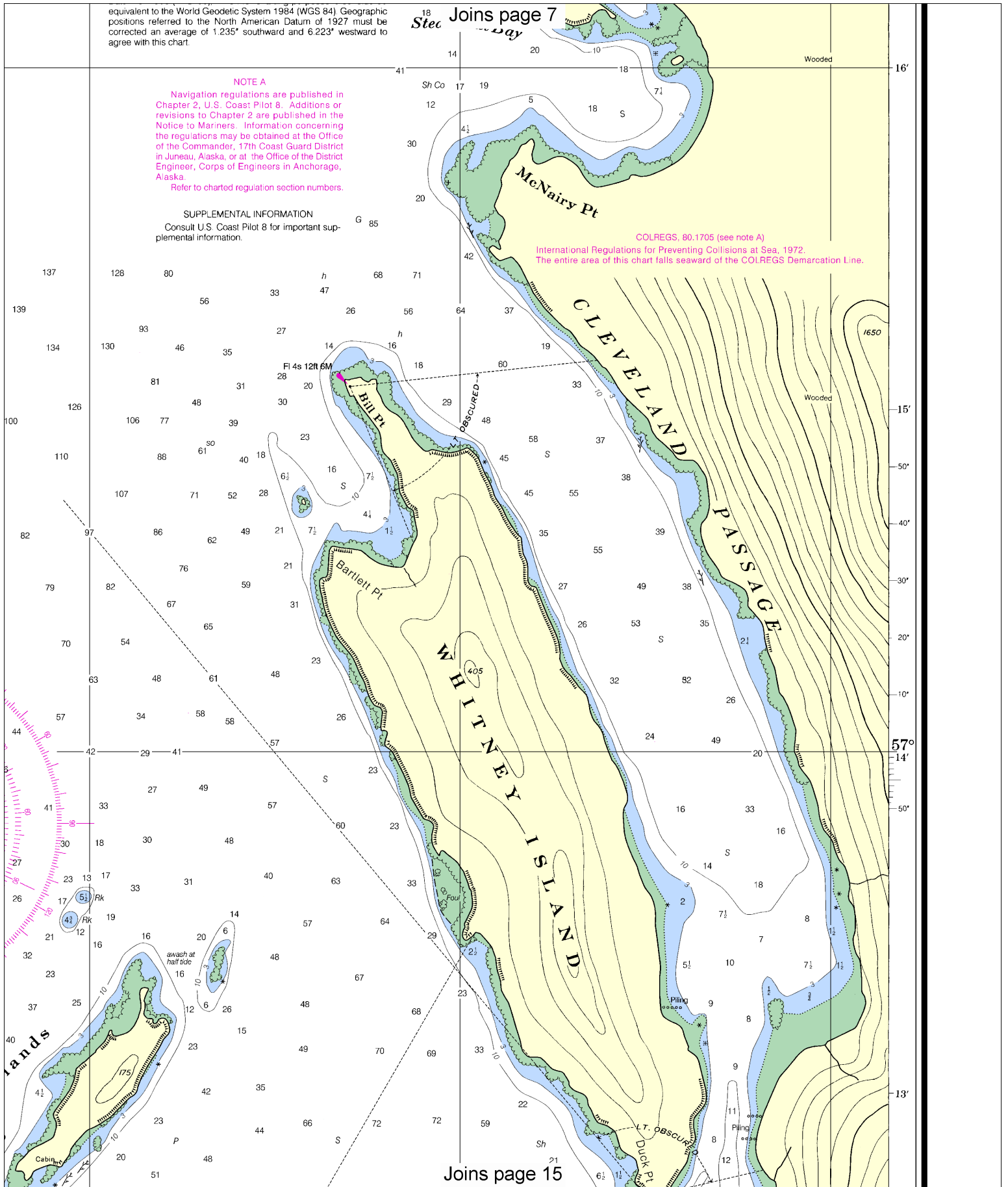
equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 1.235' southward and 6.223' westward to agree with this chart.

18
Stec Joins page 7
14
20
10

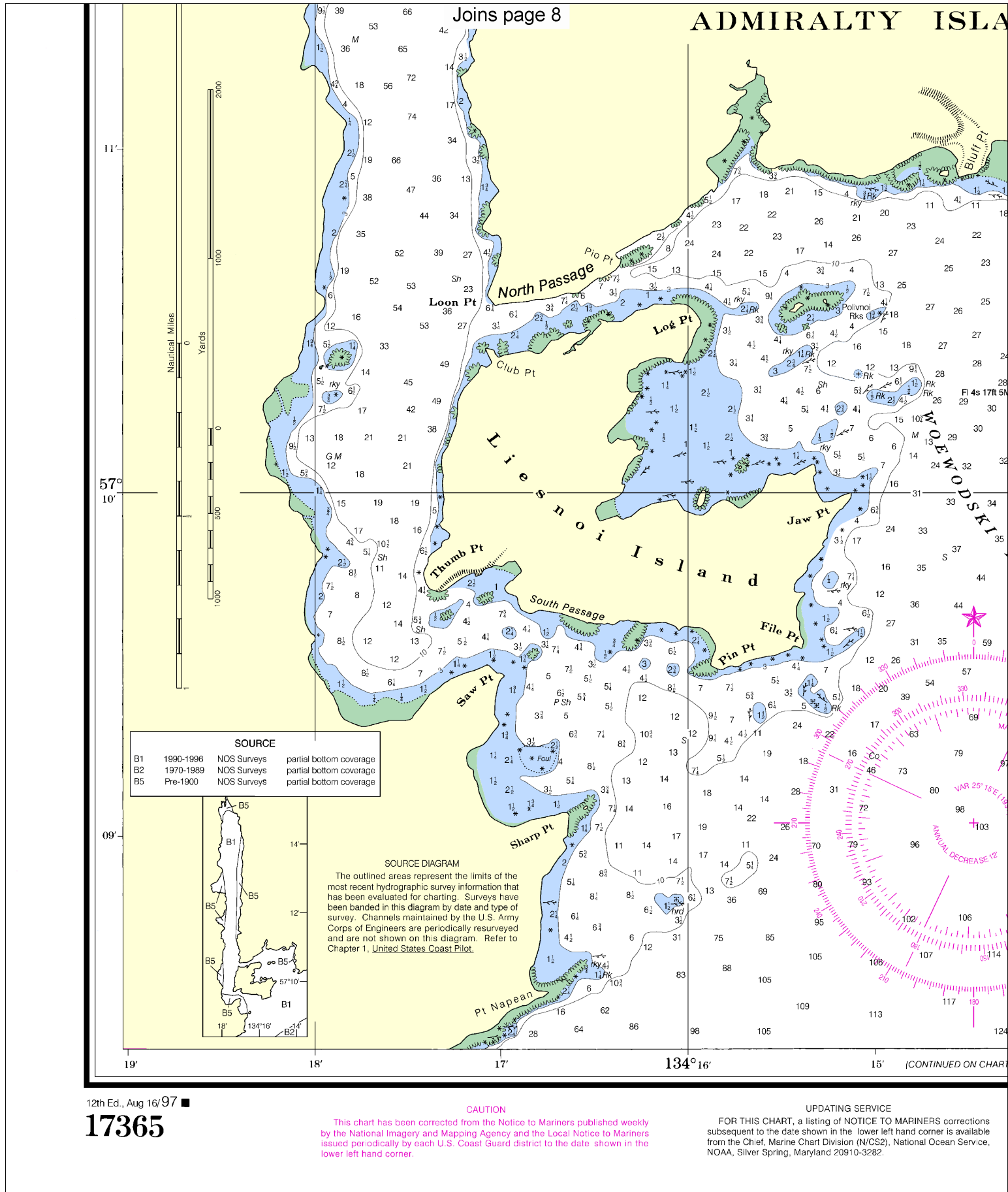
NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 8. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 17th Coast Guard District in Juneau, Alaska, or at the Office of the District Engineer, Corps of Engineers in Anchorage, Alaska.
Refer to charted regulation section numbers.

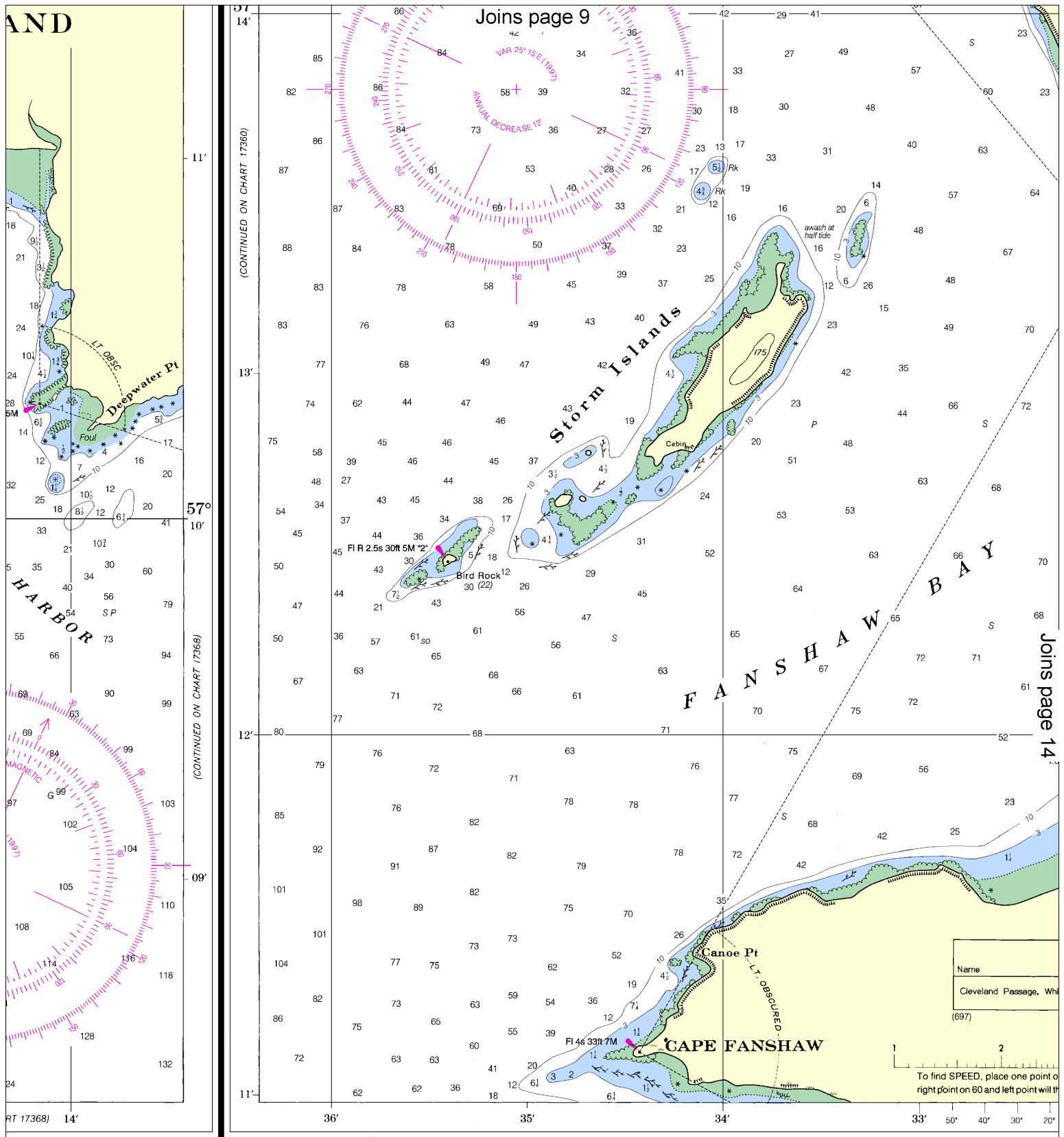
SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 8 for important supplemental information.

COLREGS, 80.1705 (see note A)
International Regulations for Preventing Collisions at Sea, 1972.
The entire area of this chart falls seaward of the COLREGS Demarcation Line.



Joins page 15

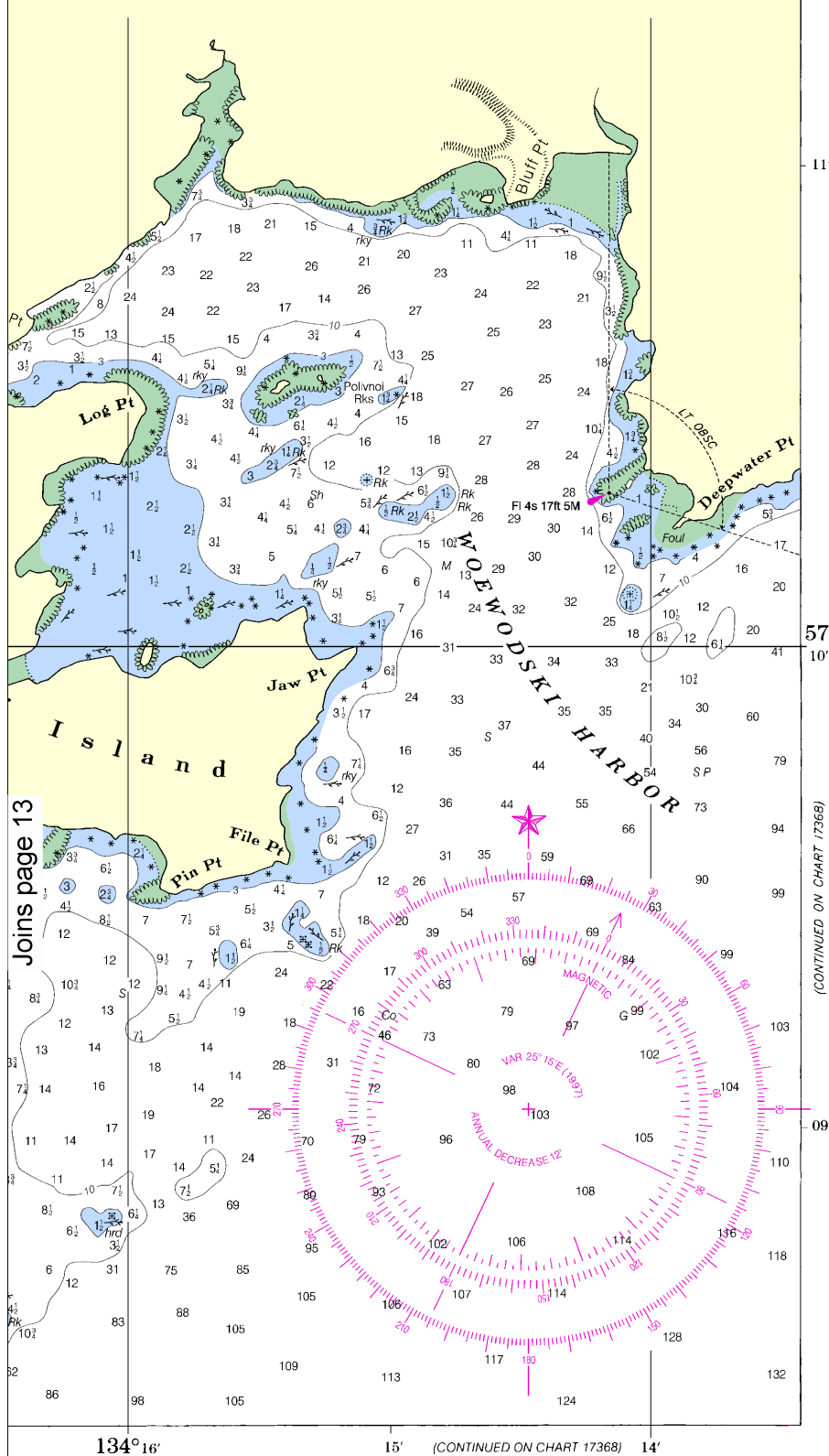




(Woewodski and Eliza Harbors, Fanshaw)

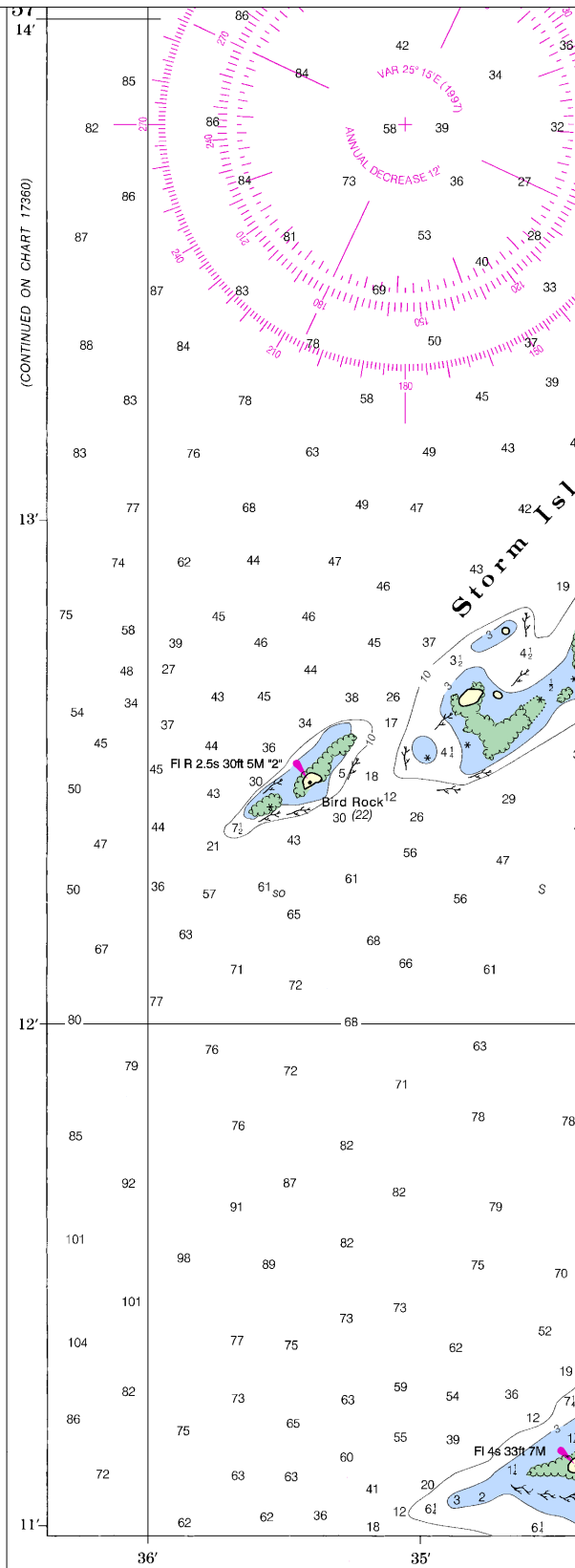
SOUNDINGS IN FATHOMS - SCALE

ADMIRALTY ISLAND Joins page 10



Joins page 13

(CONTINUED ON CHART 17368)



UPDATING SERVICE
FOR THIS CHART, a listing of NOTICE TO MARINERS corrections subsequent to the date shown in the lower left hand corner is available from the Chief, Marine Chart Division (N/CSS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3262.

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

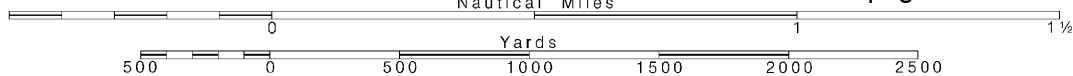
14

Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:20,000
Nautical Miles

See Note on page 5.







VHF Marine Radio channels for use on the waterways:

Channel 6 – Inter-ship safety communications.

Channel 9 – Communications between boats and ship-to-coast.

Channel 13 – Navigation purposes at bridges, locks, and harbors.

Channel 16 – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other

vessels. Contact the other vessel, agree to another channel, and then switch.

Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.

Channels 68, 69, 71, 72 and 78A – Recreational boat channels.

Getting and Giving Help — Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.

Distress Call Procedures

- Make sure radio is on.
- Select Channel 16.
- Press/Hold the transmit button.
- Clearly say: "MAYDAY, MAYDAY, MAYDAY."
- Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
- Release transmit button.
- Wait for 10 seconds — If no response Repeat MAYDAY call.

HAVE ALL PERSONS PUT ON LIFE JACKETS!



NOAA Weather Radio All Hazards (NWR) is a nationwide network of radio stations broadcasting continuous weather information directly from the nearest National Weather Service office. NWR broadcasts official Weather Service warnings, watches, forecasts and other hazard information 24 hours a day, 7 days a week.

<http://www.nws.noaa.gov/nwr/>

Quick References

Nautical chart related products and information	—	http://www.nauticalcharts.noaa.gov
Online chart viewer	—	http://www.nauticalcharts.noaa.gov/mcd/NOAAChartViewer.html
Report a chart discrepancy	—	http://ocsddata.ncd.noaa.gov/idrs/discrepancy.aspx
Chart and chart related inquiries and comments	—	http://ocsddata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs
Chart updates (LNM and NM corrections)	—	http://www.nauticalcharts.noaa.gov/mcd/updates/LNM_NM.html
Coast Pilot online	—	http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm
Tides and Currents	—	http://tidesandcurrents.noaa.gov
Marine Forecasts	—	http://www.nws.noaa.gov/om/marine/home.htm
National Data Buoy Center	—	http://www.ndbc.noaa.gov/
NowCoast web portal for coastal conditions	—	http://www.nowcoast.noaa.gov/
National Weather Service	—	http://www.weather.gov/
National Hurricane Center	—	http://www.nhc.noaa.gov/
Pacific Tsunami Warning Center	—	http://ptwc.weather.gov/
Contact Us	—	http://www.nauticalcharts.noaa.gov/staff/contact.htm



— For the latest news from Coast Survey, follow @nauticalcharts



This Booklet chart has been designed for duplex printing (printed on front and back of one sheet). If a duplex option is not available on your printer, you may print each sheet and arrange them back-to-back to allow for the proper layout when viewing.

NOAA's Office of Coast Survey



The Nation's Chartmaker